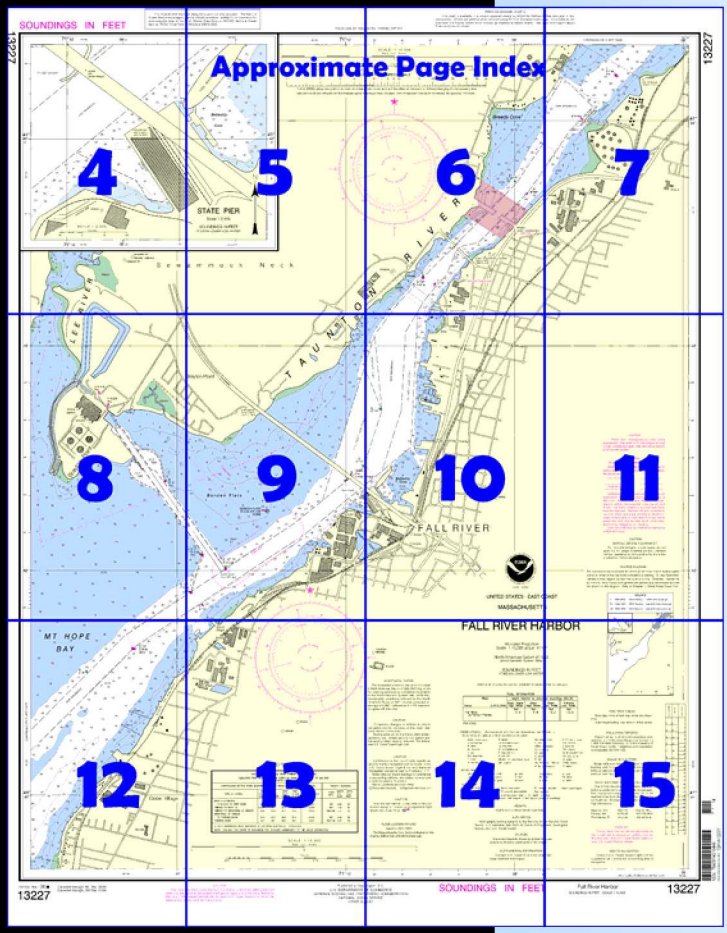
# BookletChart™

## Fall River Harbor

### (NOAA Chart 13227)


*A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.*

- ☑ *Complete, reduced scale nautical chart*
- ☑ *Print at home for free*
- ☑ *Convenient size*
- ☑ *Up to date with all Notices to Mariners*
- ☑ *United States Coast Pilot excerpts*
- ☑ *Compiled by NOAA, the nation's chartmaker.*

NOAA — National Oceanic and Atmospheric Administration — U.S. Department of Commerce

***Home Edition (not for sale)***

*Published by the*
*National Oceanic and Atmospheric Administration*
*National Ocean Service*
*Office of Coast Survey*
*www.NauticalCharts.NOAA.gov*
*301-713-2770*

## What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

## What is a BookletChart™?

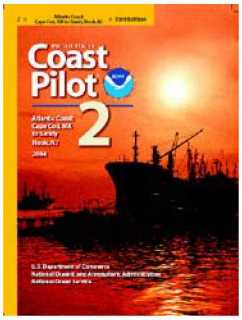
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

## Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.




**[Coast Pilot 2, Chapter 6 excerpts]**

(118) **Mount Hope Bay**, in the northeastern part of Narragansett Bay, is the approach to the city of Fall River and **Taunton River**. There are two approaches to the bay. The approach from the Sakonnet River, previously discussed, is little used. The approach from East Passage is well marked, and with care 34 feet can be carried in the channel into the bay.

(119) **Fall River**, on the eastern shore of the mouth of Taunton River and head of Mount Hope Bay, is an important manufacturing center as well as distribution point of petroleum products. Principal products handled through the port are petroleum products, latex, shellac, cotton, and some lumber.

(123) **Borden Flats**, the shoal area northward of the channel in Fall River Harbor, is marked by a light equipped with a fog signal.

(125) A highway bridge, about 1.5 miles above the entrance, has a 41-foot fixed span with a clearance of 7 feet. **Lee River**, the easterly stream, is navigable to a fixed bridge about 1.2 miles above the entrance. A shoal in midchannel just north of the narrow opening through the fill, 0.8 mile above **Brayton Point**, has a depth of 1 foot.

(129) The controlling depth in the channel in Taunton River above Fall River is reported to be 7 feet to **Peters Point**, 6.7 miles above the Brightman Street Bridge, thence 4 feet to Taunton, 12.5 miles above Fall River. Local knowledge is required from Dighton to Taunton. Buoys mark the channel to about a mile beyond the Berkley Bridge, about 3.5 miles below Taunton.

(131) At Fall River, two highway bridges cross Taunton River. The first, a fixed bridge at State Pier, has a clearance of 135 feet; a privately maintained fog signal is sounded from the bridge. The second, Brightman Street Bridge, about 1.1 miles above the fixed bridge at State Pier, has a bascule span with a clearance of 27 feet. The bridgetender monitors VHF-FM channel 16 and works on channel 13; call sign WQA-833. In October 2000, a replacement bascule bridge was under construction about 0.2 mile above the existing Brightman Street Bridge with a design clearance of 60 feet.

(134) The mean range of tide is 4.4 feet at Fall River and 2.8 feet at Taunton.

(153) The battleship **USS MASSACHUSETTS,** World War II memorial, and three other U.S. Navy vessels are berthed just northward of the State Pier.

(161) **Small-craft facilities** are at Fall River, **Somerset** opposite Fall River, Taunton, and at Dighton. Berths, electricity, gasoline, water, ice, storage, launching ramps, marine supplies, and hull and engine repairs are available. The largest marine railways, at Dighton, can handle craft to 55 feet; mobile hoists to 35 tons are also available at Fall River.

# Table of Selected Chart Notes

Corrected through NM Mar. 25/06
Corrected through LNM Mar. 21/06

### HEIGHTS
Heights in feet above Mean High Water.

### CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

### PLANE COORDINATE GRID
(based on NAD 1927)

The Massachusetts State Grid is indicated on this chart by dotted ticks at 5,000 foot intervals.

### POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

### CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

### RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

### CAUTION
Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus: 

### FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus: ——— — ——— —

Submerged piling may exist in these areas.

### CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

### AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

### SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

### NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

| | | |
|---|---|---|
| Hyannis, MA | KEC-73 | 162.55 MHz |
| Boston, MA | KHB-35 | 162.475 MHz |
| Providence, RI | WXJ-39 | 162.40 MHz |

### HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.362" northward and 1.775" eastward to agree with this chart.

### CAUTION
Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.

### CAUTION
BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

### WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

### AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

### SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

### CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

### TIDAL INFORMATION

| Place Name (LAT/LONG) | Height referred to datum of soundings (MLLW) Mean Higher High Water | Mean High Water | Mean Low Water | Extreme Low Water |
|---|---|---|---|---|
| | feet | feet | feet | feet |
| Fall River (41°44'N/71°08'W) | 4.9 | 4.6 | 0.2 | -3.0 |

(Feb 2006)

### ABBREVIATIONS
(For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

| | | | |
|---|---|---|---|
| AERO aeronautical | G green | Mo morse code | R TR radio tower |
| Al alternating | IQ interrupted quick | N nun | Rot rotating |
| B black | Iso isophase | OBSC obscured | s seconds |
| Bn beacon | LT HO lighthouse | Oc occulting | SEC sector |
| C can | M nautical mile | Or orange | St M statute miles |
| DIA diaphone | m minutes | Q quick | VQ very quick |
| F fixed | MICRO TR microwave tower | R red | W white |
| Fl flashing | Mkr marker | Ra Ref radar reflector | WHIS whistle |
| | | R Bn radiobeacon | Y yellow |

Bottom characteristics:

| | | | | |
|---|---|---|---|---|
| Blds boulders | Co coral | gy gray | Oys oysters | so soft |
| bk broken | G gravel | h hard | Rk rock | Sh shells |
| Cy clay | Grs grass | M mud | S sand | sy sticky |

Miscellaneous:

| | | | |
|---|---|---|---|
| AUTH authorized | Obstn obstruction | PD position doubtful | Subm submerged |
| ED existence doubtful | PA position approximate | Rep reported | |

(21) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

### PRINT-ON-DEMAND CHARTS
This chart is available in a version updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts.

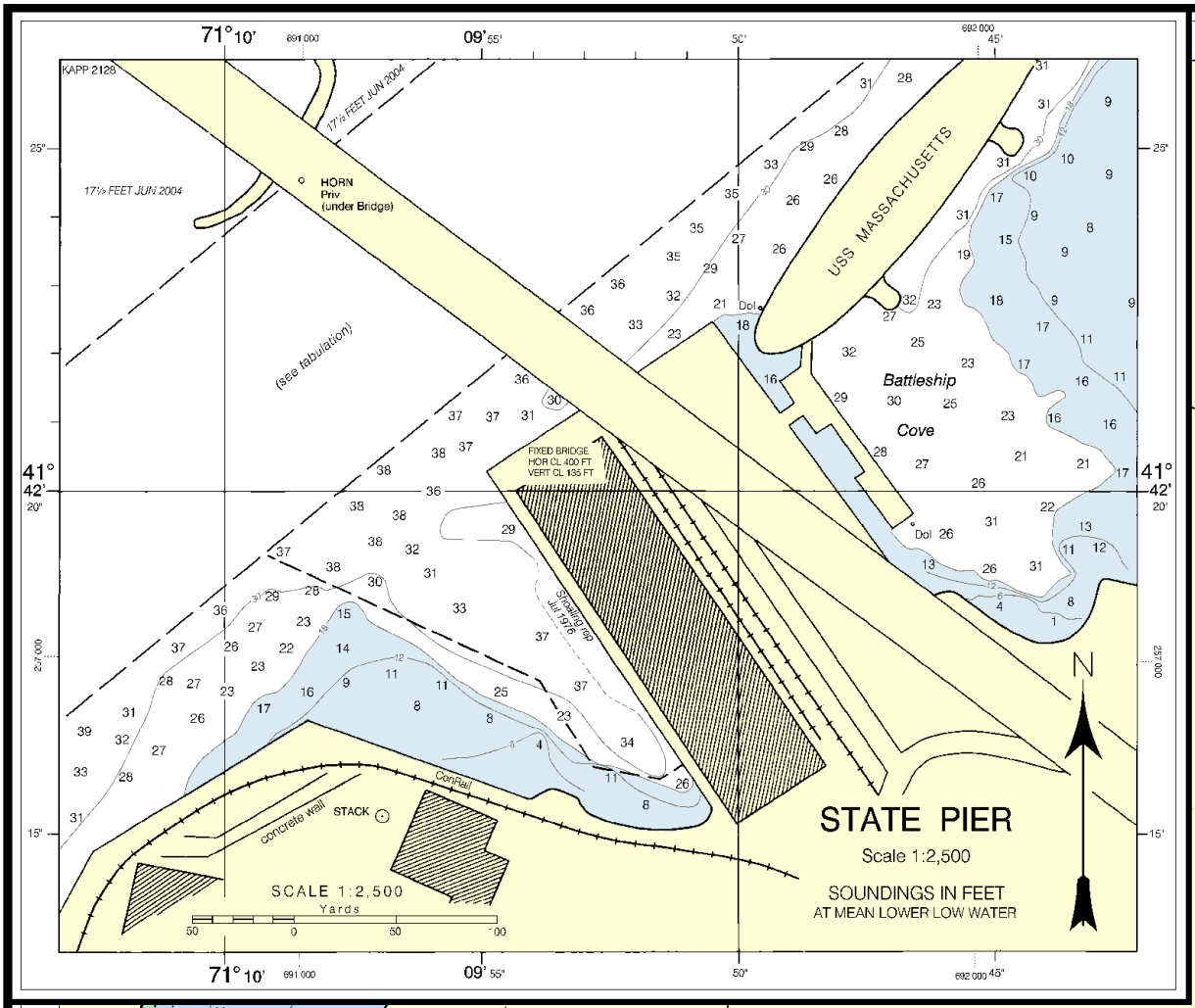
MOUNT HOPE BAY - FALL RIVER HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2005 AND SURVEYS TO JUN 2004

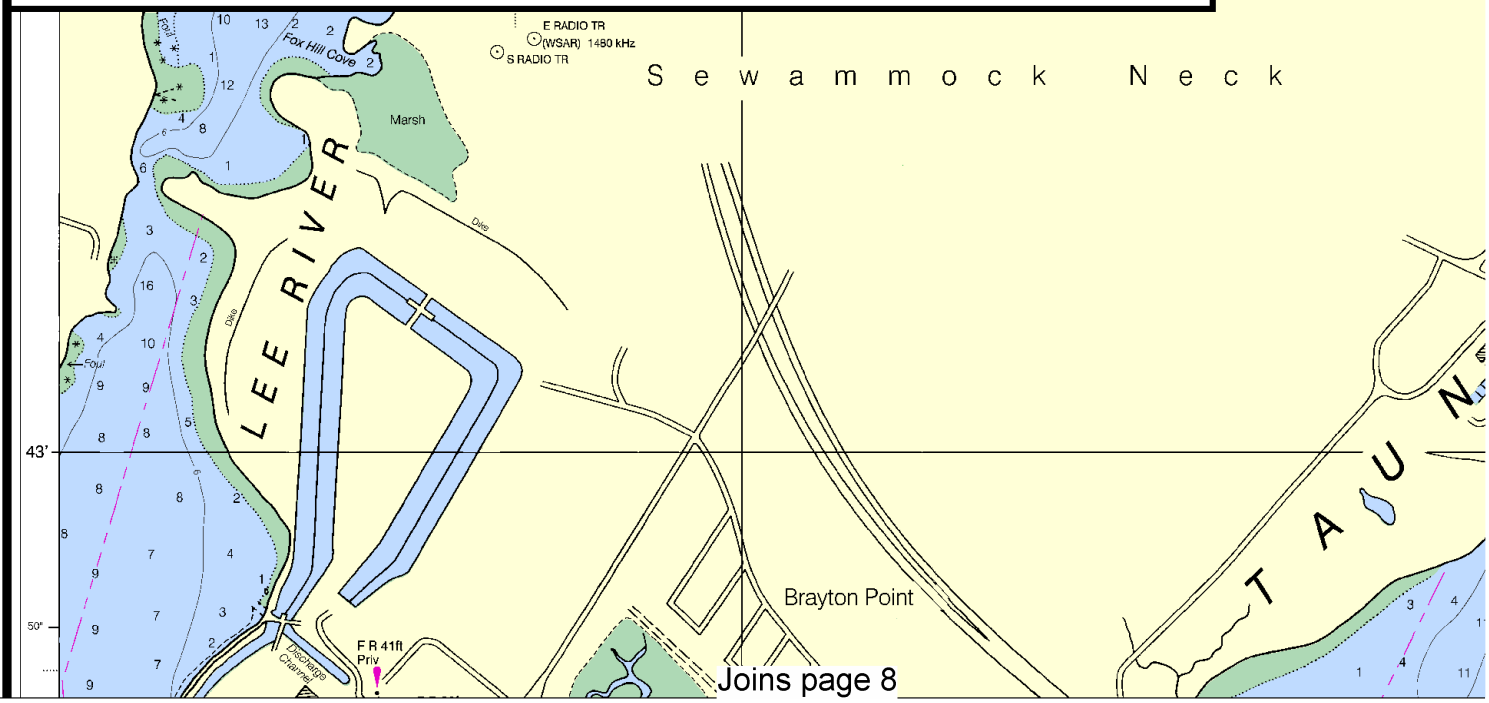
| NAME OF CHANNEL | CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | PROJECT DIMENSIONS WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
|---|---|---|---|---|---|---|---|---|
| BUOY 2 (41°39'45"N., 71°13'45"W) TO FIRST TURN | 30.6 | 36.3 | 34.3 | 32.4 | 4,6-04 | 400 | 2.68 | 35 |
| THENCE TO BUOY 15 | A 30.4 | A 36.1 | 34.4 | 33.7 | 4,6-04 | 400 | 1.32 | 35 |
| THENCE TO BRIGHTMAN ST. BRIDGE | 22.6 | 24.6 | 33.1 | 34.2 | 4,6-04 | 1000-100 | 1.11 | 35 |
| BRIGHTMAN ST. BRIDGE TO TURNING BASIN | 37.3 | 37.3 | 36.6 | 37.4 | 4,6-04 | 400 | 0.62 | 35 |
| TURNING BASIN | 22.7 | 26.1 | 35.3 | 36.1 | 4,6-04 | 400-1100 | 0.27 | 35 |

A. 35 FT SUBMERGED BUOY REPORTED AT LOCATION 41°41'59.8" N - 71°10'41.8" W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

# SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.




Joins page 8



North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles 0

Yards 200 0 200 400 600 800 1000 1200

PRINT-ON-DEMAND CHARTS

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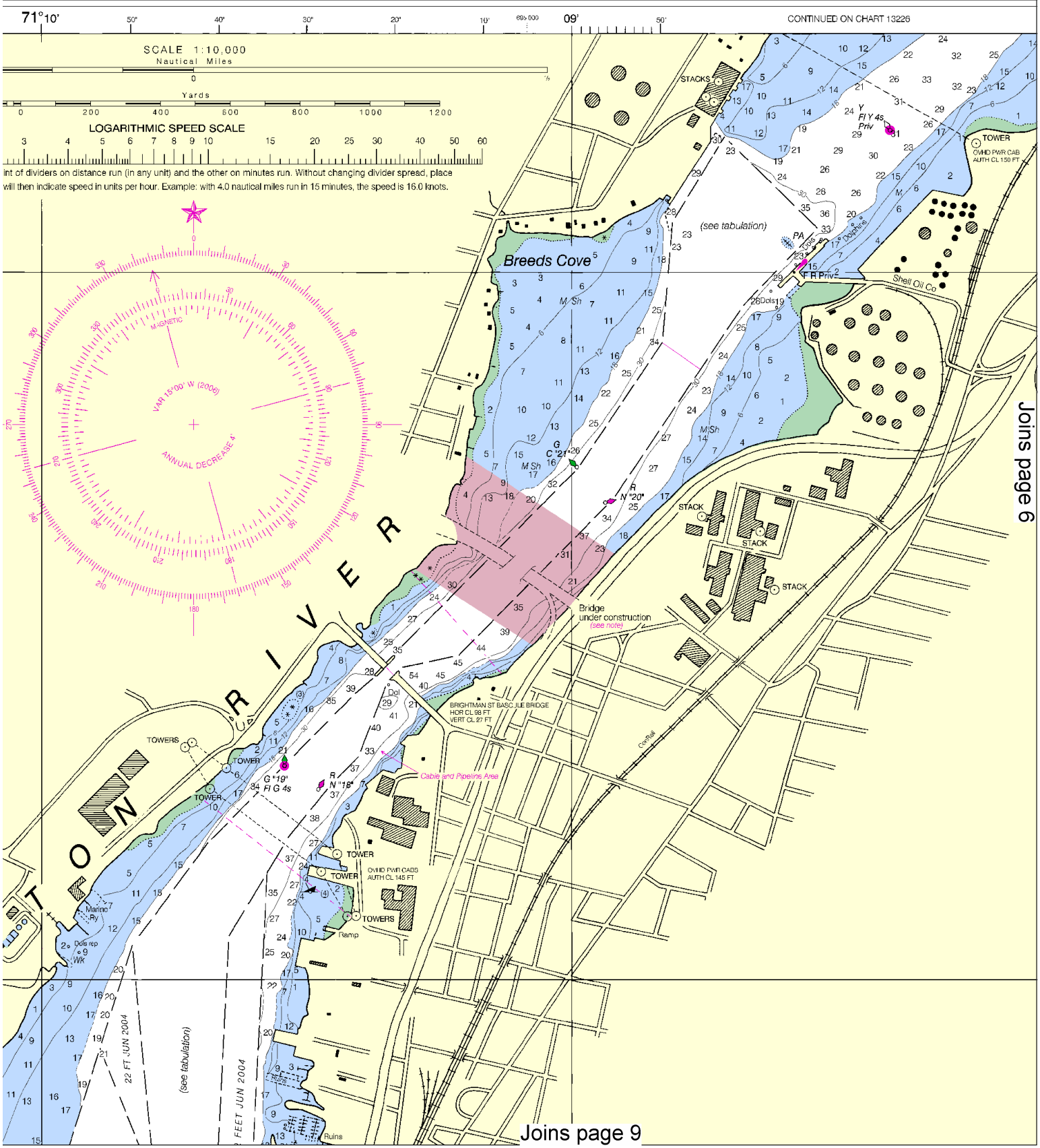
Formerly C&GC 350, 1st Ed., Jun 1955 D-1955-885 KAPP 2127




This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:13333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

GS IN FEET

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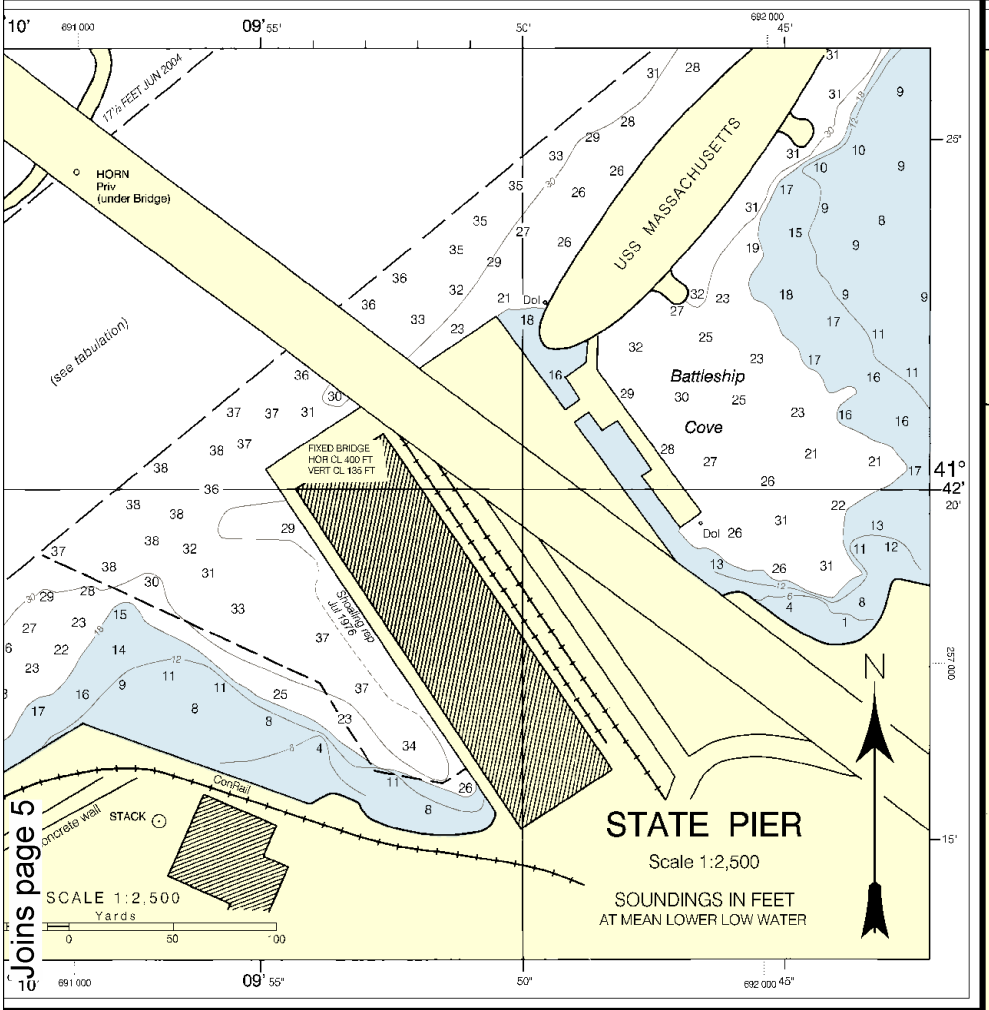


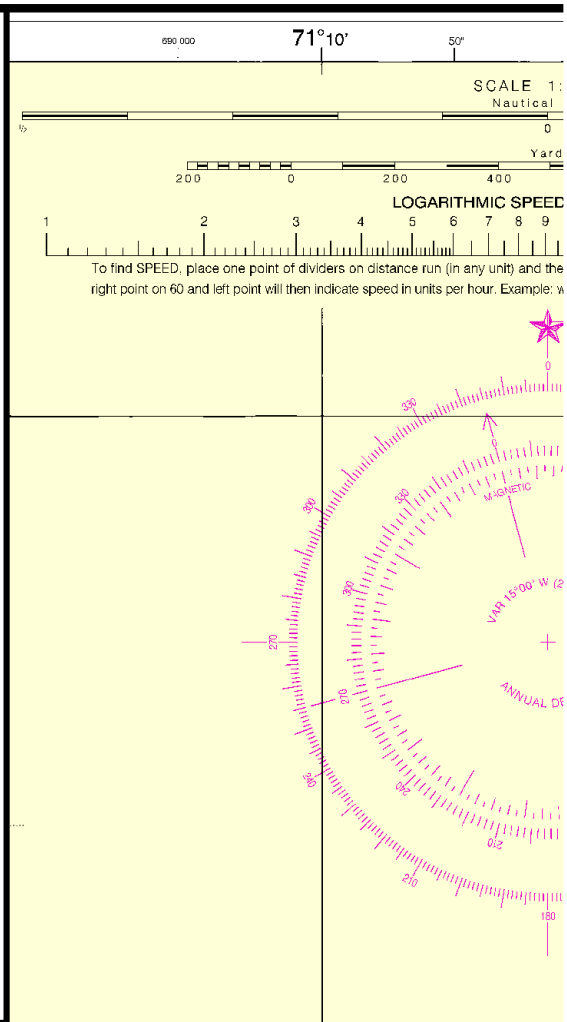


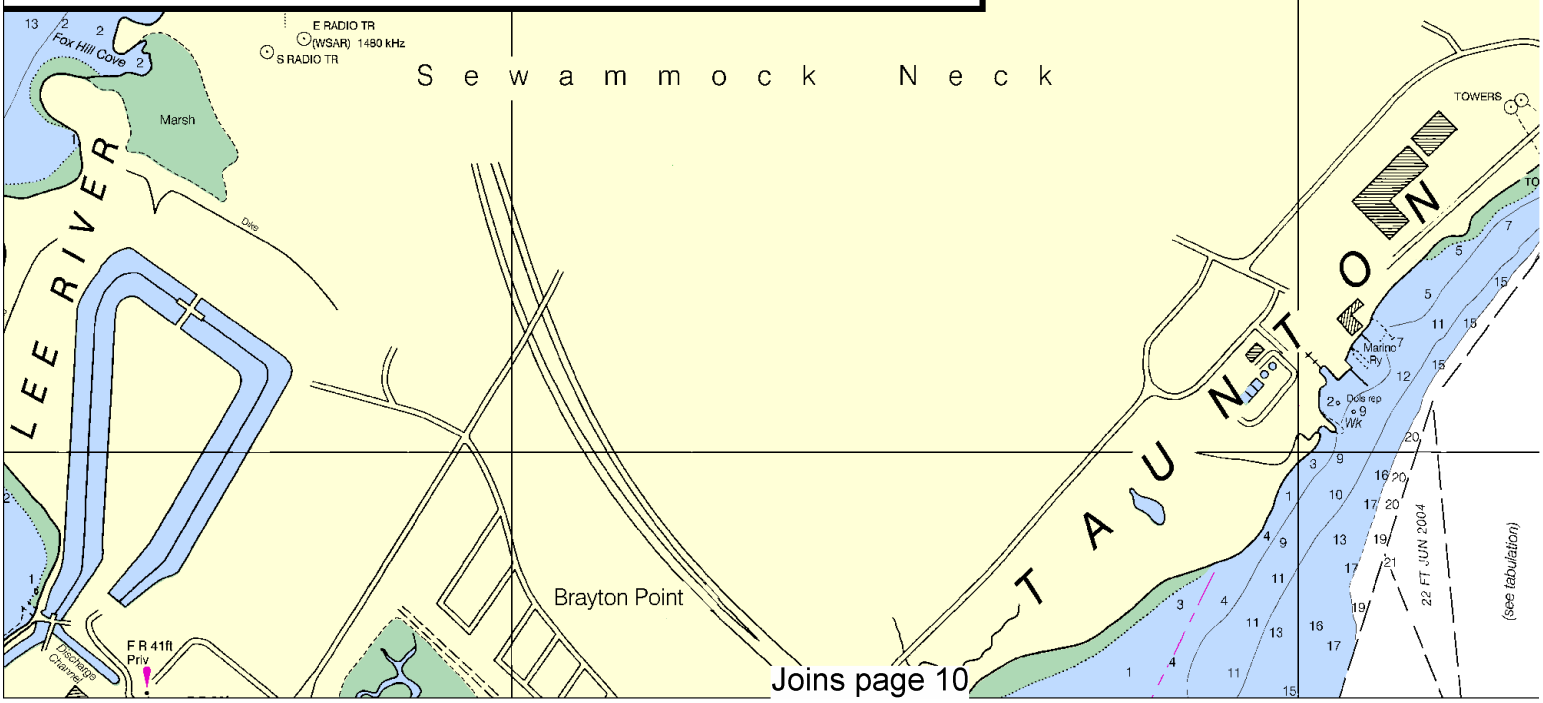




North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

PRINT-ON-DEMAND CHARTS

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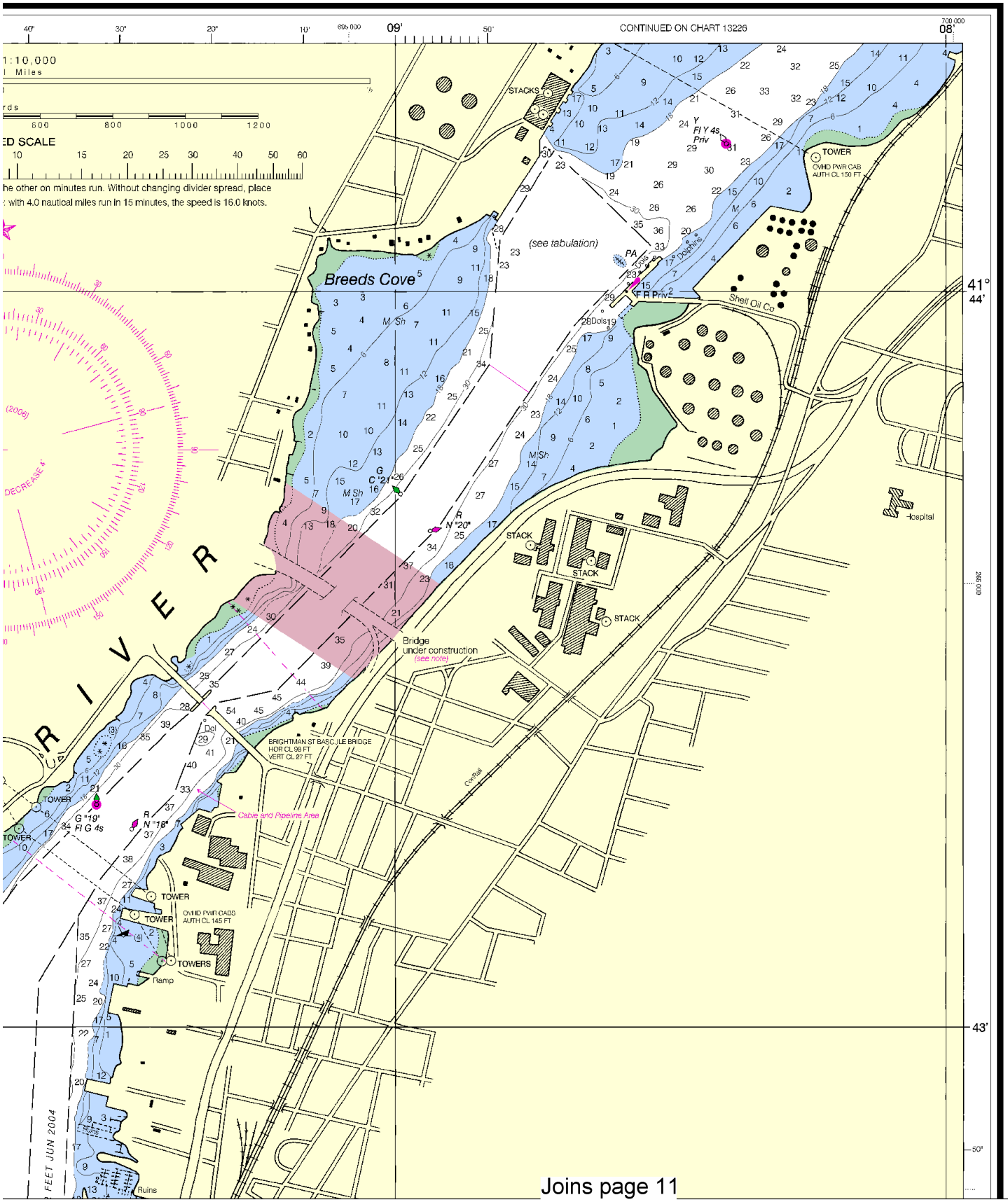
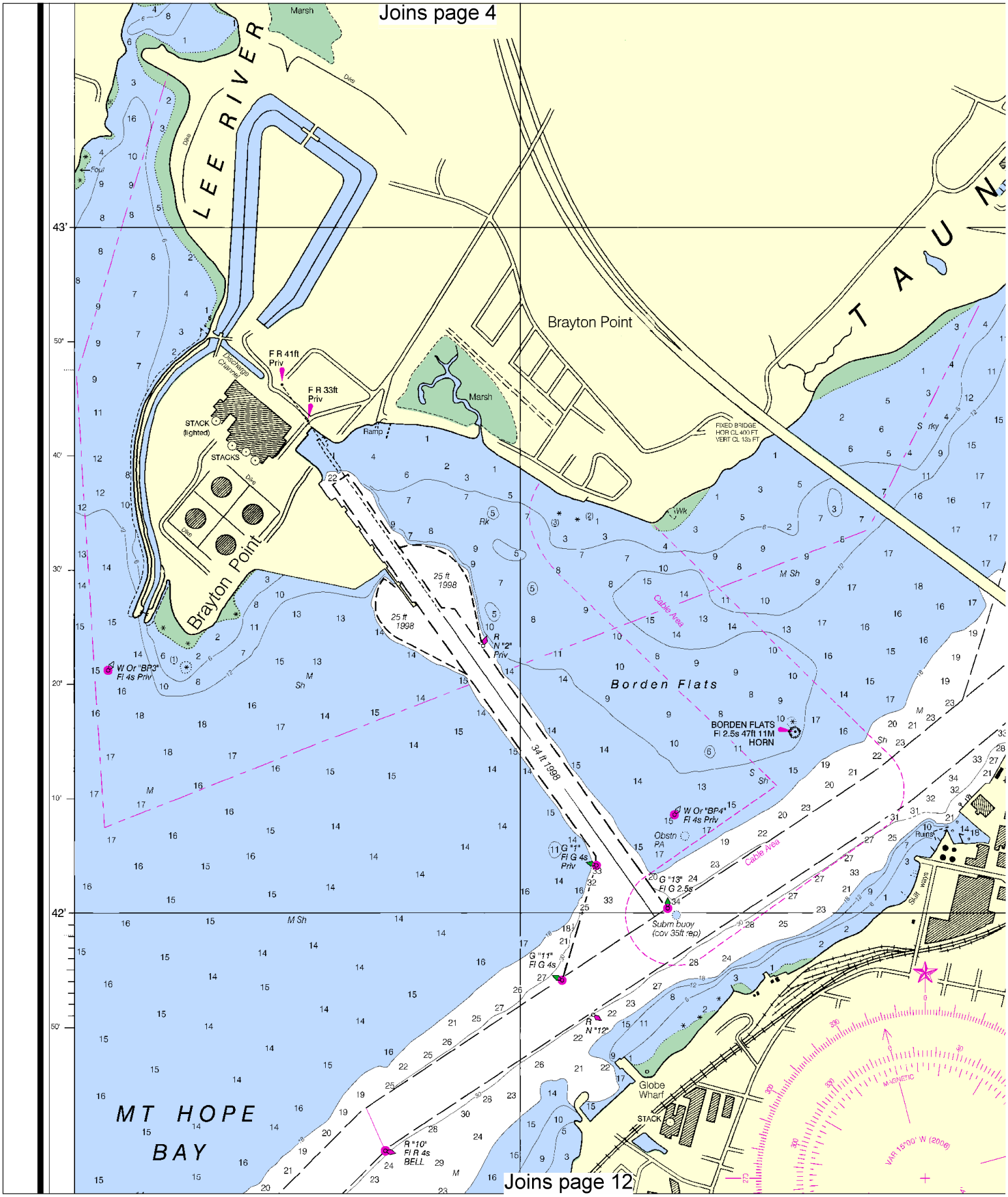
PP 2127

13227




Joins page 11

This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
NGA Weekly Notice to Mariners: 0910 2/27/2010,
Canadian Coast Guard Notice to Mariners: 1209 12/25/2009.






North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

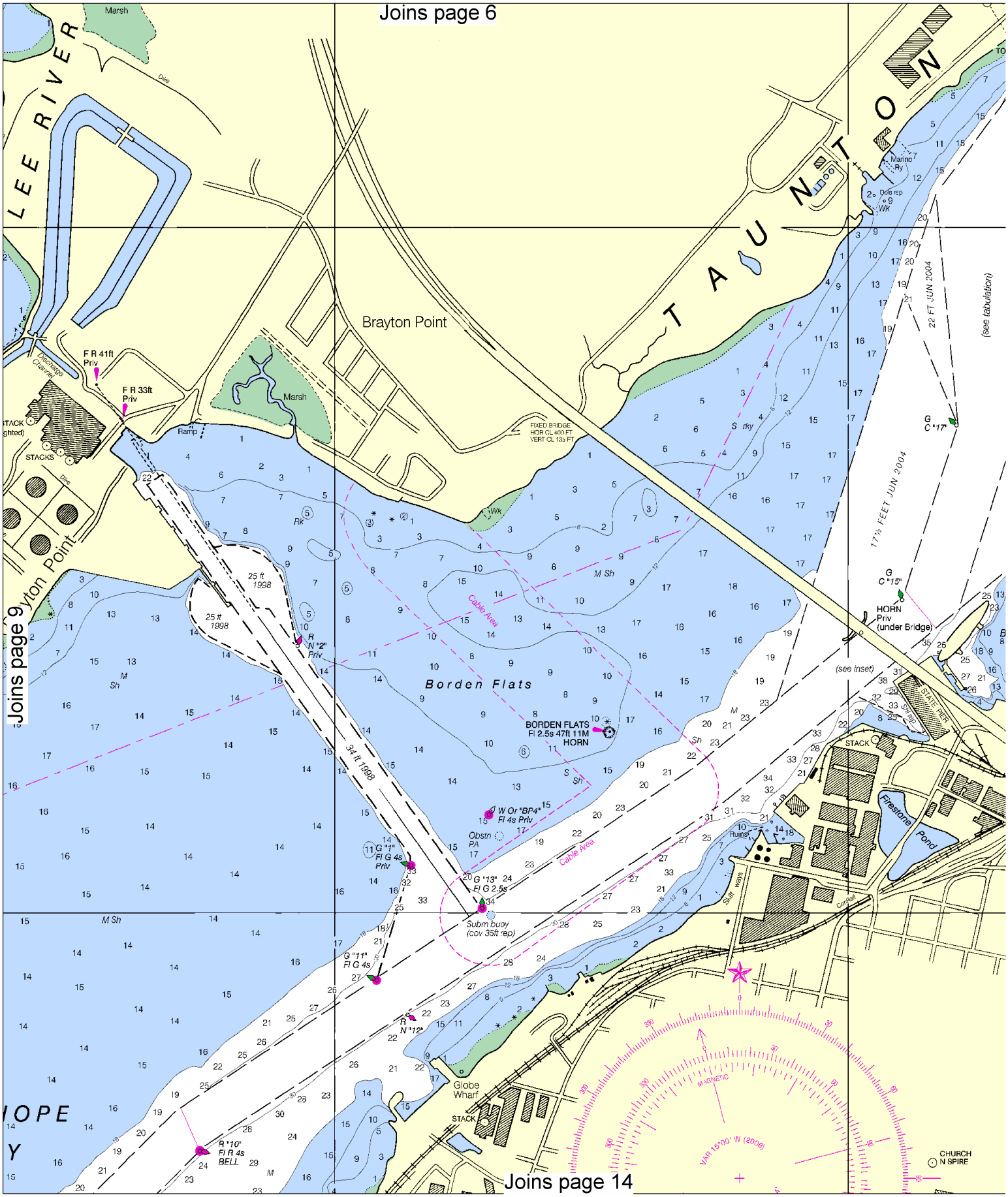
Nautical Miles

0

Yards

200 0 200 400 600 800 1000 1200


Joins page 5
Cable and Pipeline Area
TOWER
G "19" Fl G 4s
R "18"
TOWER
TOWER
OVHD PWR CABS AUTH CL 145 FT
TOWERS
Ramp
Marina Ry
Dols rep 9 Wk
(see tabulation)
22 FT JUN 2004
22 FEET JUN 2004
17½ FEET JUN 2004
Ruins
CITY PIER
G "17"
G "15"
HORN Priv (under Bridge)
Battleship Cove
Subm ruins
(see inset)
STATE PIER
SPIRE
STACK
FALL RIVER
STACK
STACK
Firestone Pond
CHURCH N SPIRE
Joins page 10
CAUTION
Fixed and floating obstructions
submerged, may exist within the magent
bridge construction area. Mariners are ad
proceed with caution.
CAUTION
SUBMARINE PIPELINES AND CABL
Charted submarine pipelines and sut
cables and submarine pipeline and cable area
are shown as:
Pipeline Area
Cable Area
Additional uncharted submarine pipelines a
submarine cables may exist within the area
this chart. Not all submarine pipelines and sut
marine cables are required to be buried, a
those that were originally buried may hav
become exposed. Mariners should use extrem
caution when operating vessels in depths
water comparable to their draft in areas whe
pipelines and cables may exist, and whe
anchoring, dragging, or trawling.
Covered wells may be marked by lighted
unlighted buoys.
CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do n
oper to a full upright or vertical position, unlimit
vertical clearance is not available for the ent
charted horizontal clearance.
SOURCE DIAGRAM
The outlined areas represent the limits of the most recent
survey information that has been evaluated for charting. Surve
banded in this diagram by date and type of survey. Channel
by the U.S. Army Corps of Engineers are periodically resurv
not shown on this diagram. Refer to Chapter 1, United State
SOURCE
A 1990-2002 NOS Surveys full bottom cove
B3 1940-1969 NOS Surveys partial bottom c
B4 1900-1939 NOS Surveys partial bottom c
B3
B4
A
41° 42' 20"
71° 10'
09' 50'
NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY
UNITED STATES - EAST COAST
MASSACHUSETTS
FALL RIVER HARBOR
Mercator Projection
Scale 1:10,000 at Lat. 41°42'
Joins page 13
1983





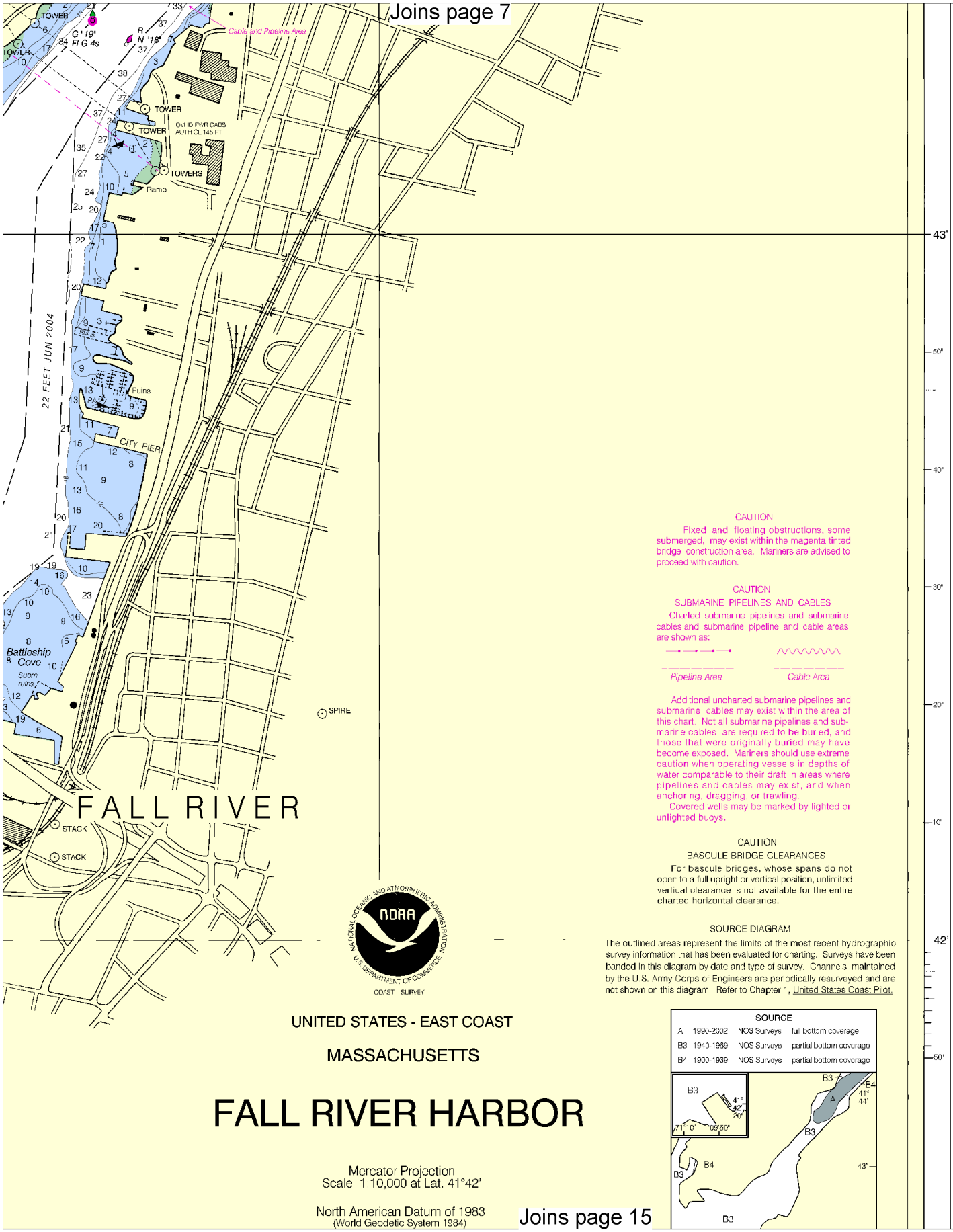

North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles 0

Yards 200 0 200 400 600 800 1000 1200

Joins page 7




CAUTION

Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

*Pipeline Area* *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

SOURCE DIAGRAM

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| SOURCE | | | |
|---|---|---|---|
| A | 1990-2002 | NOS Surveys | full bottom coverage |
| B3 | 1940-1969 | NOS Surveys | partial bottom coverage |
| B4 | 1900-1939 | NOS Surveys | partial bottom coverage |




UNITED STATES - EAST COAST

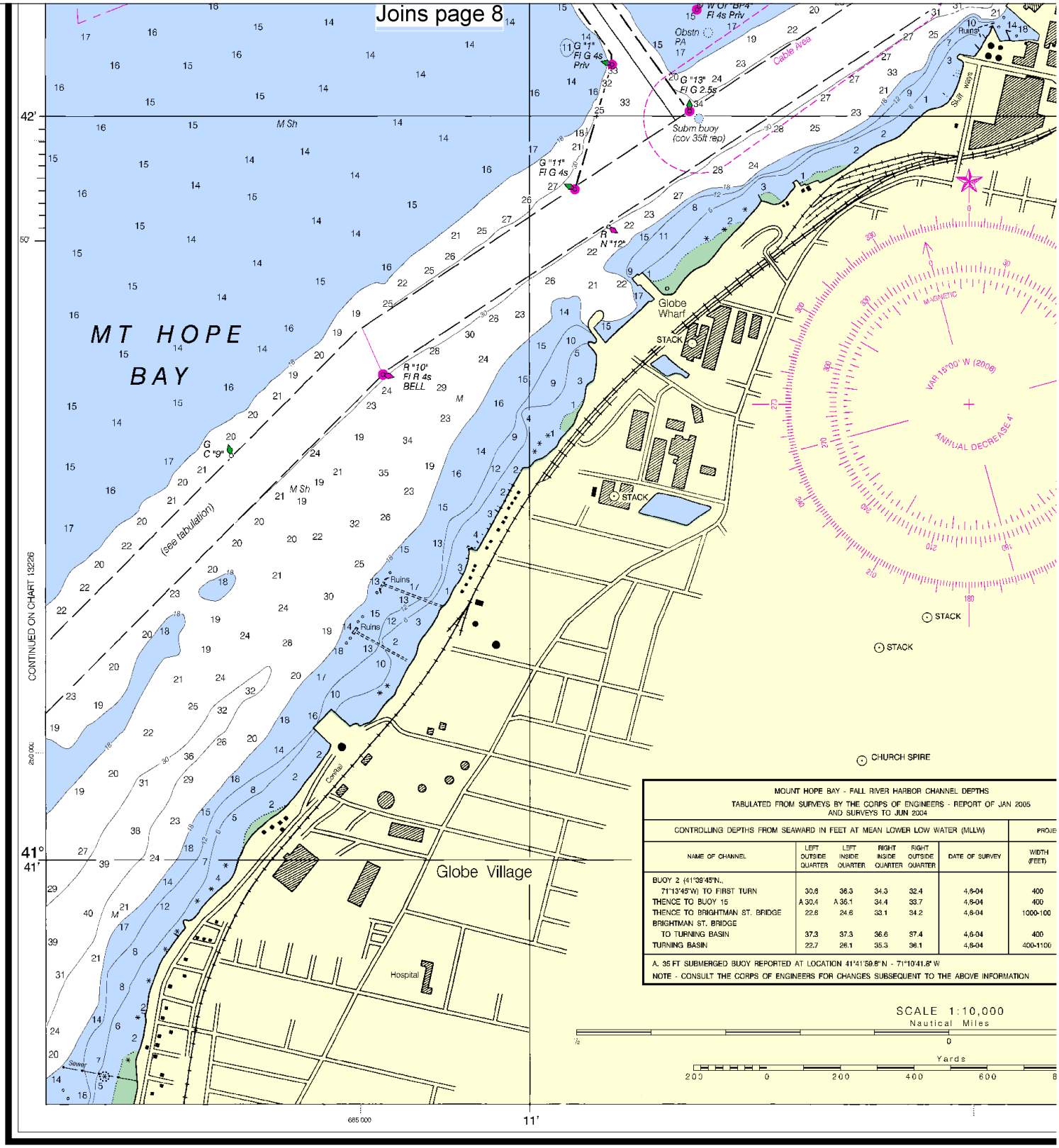
MASSACHUSETTS

# FALL RIVER HARBOR

Mercator Projection
Scale 1:10,000 at Lat. 41°42'

North American Datum of 1983
(World Geodetic System 1984)

Joins page 15




MOUNT HOPE BAY - FALL RIVER HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2005 AND SURVEYS TO JUN 2004

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJE |
|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) |
| BUOY 2 (41°39'45"N., 71°13'45"W) TO FIRST TURN | 30.6 | 36.3 | 34.3 | 32.4 | 4,6-04 | 400 |
| THENCE TO BUOY 15 | A 30.4 | A 36.1 | 34.4 | 33.7 | 4,6-04 | 400 |
| THENCE TO BRIGHTMAN ST. BRIDGE | 22.8 | 24.6 | 33.1 | 34.2 | 4,6-04 | 1000-100 |
| BRIGHTMAN ST. BRIDGE TO TURNING BASIN | 37.3 | 37.3 | 36.6 | 37.4 | 4,6-04 | 400 |
| TURNING BASIN | 22.7 | 26.1 | 35.3 | 36.1 | 4,6-04 | 400-1100 |

A. 35 FT SUBMERGED BUOY REPORTED AT LOCATION 41°41'59.8"N - 71°10'41.6"W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SCALE 1:10,000
Nautical Miles
0
Yards
200 0 200 400 600

14th Ed., Mar./ 06 ■
13227
Corrected through NM Mar. 25/06
Corrected through LNM Mar. 21/06

CAUTION
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U.S.
NATIONAL OC

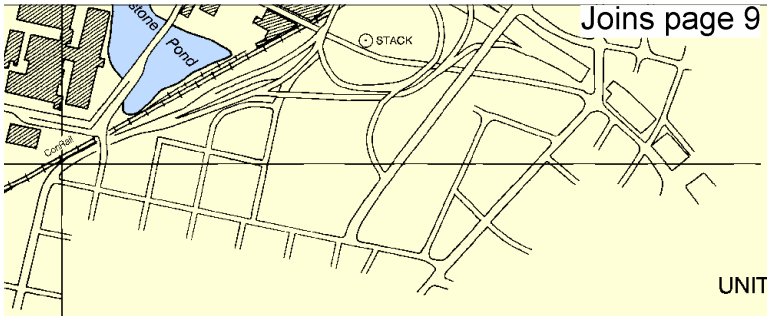


North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.

Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

Joins page 9




NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY

UNITED STATES - EAST COAST

MASSACHUSETTS

# FALL RIVER HARBOR

Mercator Projection
Scale 1:10,000 at Lat. 41°42'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do n
oper to a full upright or vertical position, unlimit
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The outlined areas represent the limits of the most recent
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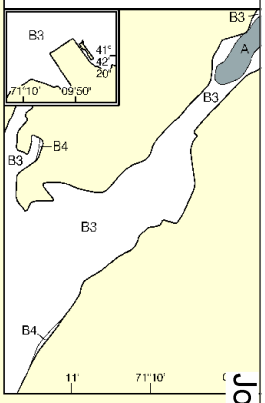
not shown on this diagram. Refer to Chapter 1, United State

| SOURCE | | |
|---|---|---|
| A | 1990-2002 | NOS Surveys full bottom cove |
| B3 | 1940-1969 | NOS Surveys partial bottom c |
| B4 | 1900-1939 | NOS Surveys partial bottom c |




TIDAL INFORMATION

| Place Name (LAT/LONG) | Height referred to datum of soundings (MLLW) Mean Higher High Water | Mean High Water | Mean Low Water | Extreme Low Water |
|---|---|---|---|---|
| | feet | feet | feet | feet |
| Fall River (41°44'N/71°08'W) | 4.9 | 4.6 | 0.2 | -3.0 |

(Feb 2006)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical
Al alternating
B black
Bn beacon
C can
DIA diaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LT HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
Mo morse code
N nun
OBSC obscured
Oc occulting
Or orange
Q quick
R red
Ra Ref radar reflector
R Bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHIS whistle
Y yellow

Bottom characteristics:

Blds boulders
bk broken
Cy clay
Co coral
G gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Pk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:

AUTH authorized
ED existence doubtful
Obstn obstruction
PA position approximate
PD position doubtful
Rep reported
Subm submerged

(21) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 2 for important supplemental information.

CHURCH
N SPIRE

Hospital

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.362" northward and 1.775" eastward to agree with this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) ○(Approximate location)

CAUTION

Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus: ⊙

PLANE COORDINATE GRID

(based on NAD 1927)

The Massachusetts State Grid is indicated on this chart by dotted ticks at 5,000 foot intervals.

| OBJECT DIMENSIONS | LENGTH (NAUT. MILES) | DEPTH-MLLW (FEET) |
|---|---|---|
| | 2.68 | 35 |
| | 1.32 | 35 |
| 10 | 1.11 | 35 |
| | 0.62 | 35 |
| 10 | 0.27 | 35 |

FISH TRAP AREAS

Boundary lines of fish trap areas are shown thus: — — — —

Submerged piling may exist in these areas.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

| | | |
|---|---|---|
| Hyannis, MA | KEC-73 | 162.55 MHz |
| Boston, MA | KHB-35 | 162.475 MHz |
| Providence, RI | WXJ-39 | 162.40 MHz |

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

Joins page 14

1/2
800 1000 1200

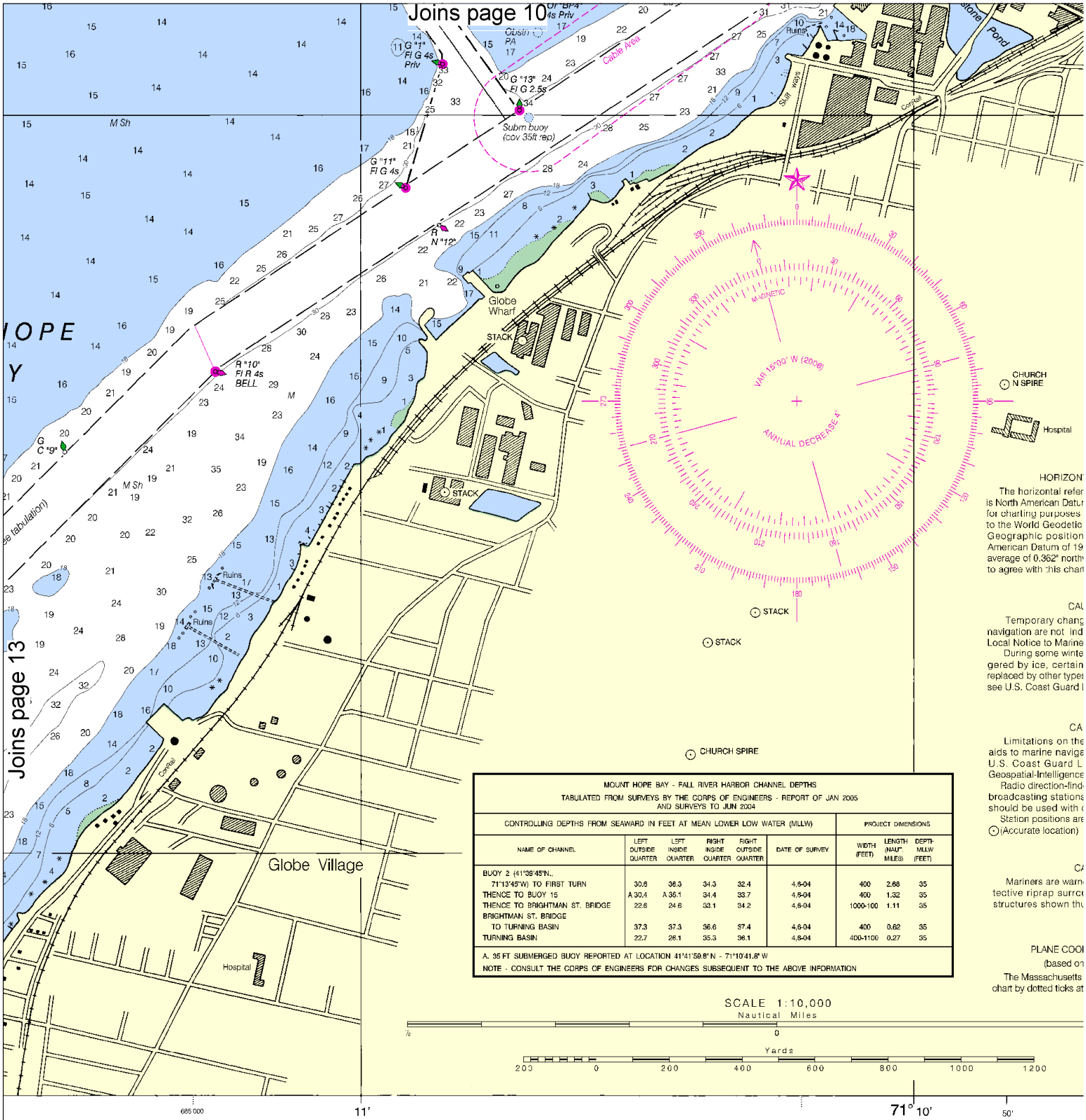
71° 10' 50' 40 30" 20" 10" 09' 50'

(Inner neatline 67.86cm N.S. x54.10cm E.W

Published at Washington, D.C.
S. DEPARTMENT OF COMMERCE
CEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

SOUNDINGS IN FEET

Fall River Harbor
SOUNDINGS IN FEET - SCALE 1:10,000




MOUNT HOPE BAY - FALL RIVER HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2005 AND SURVEYS TO JUN 2004

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BUOY 2 (41°39'45"N., 71°13'45"W) TO FIRST TURN | 30.6 | 36.3 | 34.3 | 32.4 | 4,6-04 | 400 | 2.68 | 35 |
| THENCE TO BUOY 15 | A 30.4 | A 36.1 | 34.4 | 33.7 | 4,6-04 | 400 | 1.32 | 35 |
| THENCE TO BRIGHTMAN ST. BRIDGE | 22.6 | 24.6 | 33.1 | 34.2 | 4,6-04 | 1000-100 | 1.11 | 35 |
| BRIGHTMAN ST. BRIDGE TO TURNING BASIN | 37.3 | 37.3 | 36.6 | 37.4 | 4,6-04 | 400 | 0.62 | 35 |
| TURNING BASIN | 22.7 | 26.1 | 35.3 | 36.1 | 4,6-04 | 400-1100 | 0.27 | 35 |

A. 35 FT SUBMERGED BUOY REPORTED AT LOCATION 41°41'59.8"N - 71°10'41.8" W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SCALE 1:10,000
Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

HORIZONT
The horizontal refer
is North American Datu
for charting purposes
to the World Geodetic
Geographic position
American Datum of 19
average of 0.362" north
to agree with this chart

CAU
Temporary chang
navigation are not ind
Local Notice to Marine
During some winte
gered by ice, certain
replaced by other types
see U.S. Coast Guard L

CA
Limitations on the
aids to marine naviga
U.S. Coast Guard L
Geospatial-Intelligence
Radio direction-find
broadcasting stations
should be used with
Station positions are
(Accurate location)

CA
Mariners are warn
tective riprap surrou
structures shown thu

PLANE COOI
(based on
The Massachusetts
chart by dotted ticks at

ed through NM Mar. 25/06
ed through LNM Mar. 21/06

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

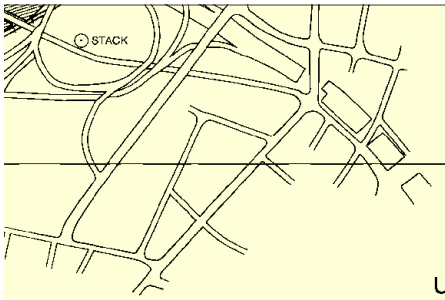
Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTR
NATIONAL OCEAN SERVICE
COAST SURVEY



North

Printed at reduced scale. ~~SCALE 1:10,000~~ See Note on page 5.
Nautical Miles
0
Yards
200 0 200 400 600 800 1000 1200

Joins page 11




NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY

UNITED STATES - EAST COAST

MASSACHUSETTS

# FALL RIVER HARBOR

Mercator Projection
Scale 1:10,000 at Lat. 41°42'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

| Place Name (LAT/LONG) | Height referred to datum of soundings (MLLW) Mean Higher High Water | Mean High Water | Mean Low Water | Extreme Low Water |
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| | feet | feet | feet | feet |
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Al alternating
B black
Bn beacon
C can
DIA diaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LT HO lighthouse
M nautical mile
m minutes
MICRO TP microwave tower
Mkr marker
Mo morse code
N nun
OBSC obscured
Oc occulting
Or orange
Q quick
R red
Ra Ref radar reflector
R Bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHIS whistle
Y yellow

Bottom characteristics:

Blds boulders
bk broken
Cy clay
Co coral
G gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:

AUTH authorized
ED existence doubtful
Obstn obstruction
PA position approximate
PD position doubtful
Rep reported
Subm submerged

(1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

HEIGHTS

Heights in feet above Mean High Water.

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Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 2 for important supplemental information.

CAUTION

BASCULE BRIDGE CLEARANCES

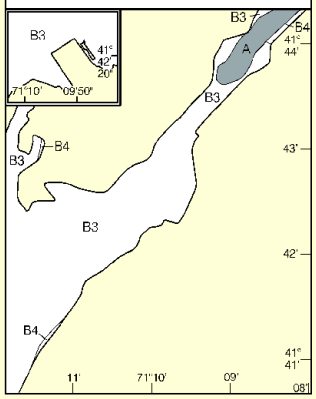
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coas: Pilot.

SOURCE

| | | | |
|---|---|---|---|
| A | 1990-2002 | NOS Surveys | full bottom coverage |
| B3 | 1940-1969 | NOS Surveys | partial bottom coverage |
| B4 | 1900-1939 | NOS Surveys | partial bottom coverage |

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|---|---|---|
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| Boston, MA | KHB-35 | 162.475 MHz |
| Providence, RI | WXJ-39 | 162.40 MHz |

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

FATHOMS / FEET / METERS

| FATHOMS | FEET | METERS |
|---|---|---|
| 1 | 6 | 2 |
| 2 | 12 | 4 |
| 3 | 18 | 5 |
| 4 | 24 | 7 |
| 5 | 30 | 9 |
| 6 | 36 | 11 |
| 7 | 42 | 13 |
| 8 | 48 | 14 |
| 9 | 54 | 16 |
| 10 | 60 | 18 |
| 11 | 66 | 20 |
| 12 | 72 | 22 |
| 13 | 78 | 24 |
| 14 | 84 | 25 |
| 15 | 90 | 27 |
| 16 | 96 | 29 |
| 17 | 102 | 31 |

ONTAL DATUM
ference datum of this chart
tum of 1983 (NAD 83), which
s is considered equivalent
ic System 1984 (WGS 84).
ons referred to the North
1927 must be corrected an
thward and 1.775' eastward
art.

CAUTION
nges or defects in aids to
ndicated on this chart. See
ners.
ter months or when endan-
in aids to navigation are
es or removed. For details
d Light List.

CAUTION
he use of radio signals as
gation can be found in the
Light Lists and National
ce Agency Publication 117.
nder bearings to commercial
ns are subject to error and
h caution.
are shown thus:
) o(Approximate location)

CAUTION
med to stay clear of the pro-
cunding navigational light
thus:

ORDINATE GRID
on NAD 1927)
its State Grid is indicated on this
at 5,000 foot intervals.

40 30' 20' 10' 09' 50' 08'

(Inner neatline 57.88cm N.S. x54.10cm E.W.)

700 000 230 000

42'
50'
41° 41'

ED NO. 14

NSN 7642014010448 NGA REFERENCE NO. 13XHA13227

SOUNDINGS IN FEET

Fall River Harbor
SOUNDINGS IN FEET - SCALE 1:10,000

13227

TRATION

# EMERGENCY INFORMATION

**VHF Marine Radio channels for use on the waterways:**

**Channel 6** – Inter-ship safety communications.
**Channel 9** – Communications between boats and ship-to-coast.
**Channel 13** – Navigation purposes at bridges, locks, and harbors.
**Channel 16 – Emergency, distress and safety calls** to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
**Channels 68, 69, 71, 72 & 78A** – Recreational boat channels.

**Distress Call Procedures**

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS !!**

**Mobile Phones** – Call 911 for water rescue.
**Coast Guard Woods Hole** – 508-548-5151/508-457-3214
**Coast Guard Castle Hill** – 401-846-3675
**Marine Patrol** – 401-848-6492
**Coast Guard Atlantic Area Cmd –** 757-398-6390

**NOAA Weather Radio** – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

**Getting and Giving Help** – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

*NOAA, The Nation's Chartmaker*

# NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENCs®) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs™) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts™ – BookletCharts™ are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts™ – PocketCharts™ are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.